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1 In the Claims:

1. (Amended) A system for providing Internet-related services in response to a handheld device without requiring the handheld device to itself be Internet-enabled, comprising:
 - a client module embedded in the handheld device to enable the handheld device to send a selected stored Universal Resource Locator (URL) via a local communication link, wherein the URL indicates a desired Internet web page;
 - a receiver that receives the URL sent from the handheld device via the local communication link;
 - a web access module coupled to the receiver and to an external Internet via an Internet communication link different from said local communication link to access and retrieve the desired web page from a remote web server via the external Internet; and
 - a render system coupled to the web access module to render the retrieved web page to the user of the handheld device.

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15 3. (Amended) The system of claim 1, further comprising a memory coupled with the
16 handheld device to store at least one URL, wherein the URL sent is selected from the at least
17 one URL.

19 4. (Amended) The system of claim 1, further comprising a communication module in the
20 handheld device that receives the URL from a remote site via a second communication link
21 coupled to the communication module.

23 5. (Amended) The system of claim 4, wherein the second communication link is a link
24 to a wireless network.

26 6. (Amended) The system of claim 1, wherein the handheld device is selected from a
27 group of devices consisting of: a pager device, a cellular phone device, a personal organizer
28 device, a watch device, a palm pilot device, and an information appliance device.

30 7. (Amended) The system of claim 1, wherein the receiver, the web access module, and
31 the render system all physically reside within a single enclosure separate from the handheld
32 device.

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1 9. (Amended) The system of claim 8, wherein the wireless communication link is
2 selected from a group of communication links consisting of: an infra-red communication link,
3 a radio frequency communication link, a microwave communication link, a laser
4 communication link, and combinations thereof.

5
6 10. (Amended) The system of claim 1, wherein the web access module communicates
7 with the remote web server via the Internet communication link using an open standard
8 communication protocol.

9
10 12. (Amended) The system of claim 1, wherein the render system further comprises at
11 least one render system selected from a group of systems consisting of: a printer system, a
12 display system, a projection display system, a user interface display system, an audio/video
13 player system, a Web television system, and a combination thereof.

14
15 13. (Amended) A system for providing an Internet-related service from a remote Internet-
16 related server via an Internet communication link based on a Universal Resource Locator
17 (URL) indicated by a handheld device, comprising:

18 a receiver module to receive the URL from the handheld device via a communication
19 link;

20 a web access module to access and retrieve the Internet-related service via the Internet
21 communication link based on the URL;

22 a render module to render the retrieved Internet-related service, wherein the receiver
23 module, the web access module, and the render module are all physically separated from the
24 handheld device.

25
26 14. (Amended) The system of claim 13, wherein the render module further comprises at
27 least one render system selected from a group of systems consisting of: a printer system, a
28 display system, an information appliance, a projection display system, a user interface display
29 system, an audio/video player system, a Web television system, and a combination thereof.

30
31 15. (Amended) The system of claim 13, wherein the web access module communicates
32 with the remote Internet-related server via the Internet communication link using an open
33 standard communication protocol.

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2 18. (Amended) The system of claim 17, wherein the wireless communication link is
3 selected from a group of communication links consisting of: an infra-red communication link,
4 a radio frequency communication link, a microwave communication link, a laser
5 communication link, and combinations thereof.

6

7 19. (New) The system of Claim 1, wherein the web access module comprises a web
8 browser without a rendering function.

9

10 20. (New) The system of Claim 1, wherein the rendering system is a device-specific
11 rendering system.

12

13 21. (New) The system of Claim 1, wherein the handheld device is a watch.

14

15 22. (New) The system of Claim 1, wherein the handheld device is a pager.

16

17 23. (New) The system of Claim 1, wherein said client module is does not have Internet
18 access function and does not include an Internet web browser application program or provide
19 any direct connectivity to the Internet.

20

21 24. (New) The system of Claim 1, wherein said client module has Internet access function
22 and includes an Internet web browser, but neither the Internet access function nor the Internet
23 web browser are utilized to send the URL via the local communication link.

24

25 25. (New) The system of Claim 1, wherein only said URL is communicated, and said
26 URL is communicated by sending only a few bytes of data.

27

28 26. (New) The system of Claim 1, wherein the URL is in the actual URL form or
29 embedded in a hyperlink.

30

31 27. (New) The system of Claim 1, wherein the rendering system includes a printer
32 external to said handheld device or a display screen device external to said handheld device.

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1 28. (New) The system of Claim 1, wherein the rendering system includes an audio or
2 video player system external to said handheld device.

3

4 29. (New) A mobile system capable of communicating with a gateway module, which
5 comprises a web access module to access and retrieve an Internet-related service from a
6 remote Internet-related server via an Internet communication link based on a Universal
7 Resource Locator (URL); and a render module to render the received Internet-related service,
8 the mobile system comprising:

9 a client module to enable sending the URL via a communication link to the gateway
10 module for use in the access and retrieval of the Internet-related service, wherein the gateway
11 module communicates the retrieved Internet-related service with the rendering module, which
12 renders of the retrieved Internet-related service in proximity to the mobile system.

13

14 30. (New) The system of claim 29, further comprising a memory coupled with the mobile
15 system to store at least one URL, wherein the URL sent is selected from the at least one URL.

16

17 31. (New) The system of claim 30, further comprising a communication module to
18 receive the URL from the gateway module.

19

20 32. (New) A gateway system capable of receiving a communication including Universal
21 Resource Locator (URL) via a communication link from a mobile system, said gateway
22 system comprising:

23 a communication module to receive the communication from the mobile system;

24 a web access module to access and retrieve an Internet-related service from a remote
25 Internet-related server via an Internet communication link based on the URL; and

26 a render module to receive the retrieved Internet-related service from the web access
27 module and to render at least a subset of the retrieved Internet-related service in proximity to
28 the mobile system.

29

30 33. (New) The system of claim 32, further comprising a second communication module
31 to send a second URL to the mobile system.

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1 34. (New) The system of claim 33, wherein each module of the gateway system
2 physically resides within at least one enclosure separate from the mobile system.

3

4 35. (New) A system for providing Internet-related services in response to a handheld
5 device without requiring the handheld device to itself be Internet-enabled, comprising:

6 a receiver that receives a Universal Resource Locator (URL) sent from the handheld
7 device via a local communication link, wherein the URL indicates a desired Internet web
8 page;

9 a web access module coupled to the receiver and to an external Internet via an Internet
10 communication link different from said local communication link to access and retrieve the
11 desired web page from a remote web server via the external Internet; and

12 a render system coupled to the web access module to render the retrieved web page to
13 the user of the handheld device, wherein the receiver, the web access module, and the render
14 system all physically reside within the system while the handheld device is physically
15 separated from the system, and

16 wherein the render system further comprises at least one of: a printer system, a
17 projection display system, an audio/video player system, and a Web television system.

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